

12. GLOSSARY, ACRONYMS, ABBREVIATIONS

1945 Decree, Decree	The January 1945 consent decree of [Federal] District Court of Eastern Washington (“Civil Action No. 21) set forth obligations of United States to operate the Yakima Project to meet the needs of the irrigation district that predated the Project (see <i>IOP</i> p. 4-3).
303(d)	A section of the Clean Water Act requiring state listings of impaired waterbodies, including rivers and their tributaries
ACOE	U.S. Army Corps of Engineers, a major producer of hydropower in the Columbia River Basin; a member of the FCRPS
BIA	U.S. Bureau of Indian Affairs of DOI
BPA	Bonneville Power Association of the U.S. Department of Energy, responsible for marketing hydropower produced in the Columbia River Basin by ACOE and Reclamation; a member of the FCRPS
CC, CCs	Operational <u>C</u> onsiderations and <u>C</u> onstraints of the Yakima River basin; see <i>IOP</i> Section 5.1
CFR	U.S. Code of Federal Regulations
cfs	cubic feet per second, measuring the volume of water flow past a point
CWA Clean Water Act	U.S. Clean Water Act of 1972 (Public Law 92–500, as amended) with the objective “to restore and maintain the chemical, physical, and biological integrity of the Nation’s water”; administered by EPA
EA	Environmental Assessment — a systematic analysis of site-specific activities used to determine whether such activities have a significant effect on the quality of the human environment and whether an EIS is required
EIS	Environmental Impact Statement — planning document required by NEPA before major Federal actions significantly affecting the quality of the human environment; also shown as Draft EIS and Final EIS
elevation	vertical measurements (in feet) in relation to mean sea level
EPA	U.S. Environmental Protection Agency; established by NEPA
ESA	U.S. Endangered Species Act of 1973 (Public Law 93–205, as amended), provides legal means to conserve and protect species listed as Threatened and Endangered, and a program for the conservation of such species; administered by FWS and NMFS ; also to actually list species as Threatened or Endangered.
FCRPS	Federal Columbia River Power System — BPA , ACOE , and Reclamation
Flip-Flop	An operational mode with the purpose to encourage spring chinook salmon to spawn at lower river stages and thus keep redds under water and protect incubating eggs (November-March); see “Flip-Flop Operations (CC15)” at <i>IOP</i> page 5-37
FWS	U.S. Fish & Wildlife Service of DOI ; primary mission to conserve, protect, and enhance fish and wildlife, and their habitats.
HPA	“Hydraulic Project Approval” permit from WDFW; issued April 17, 2002 to Reclamation
interrogation	the process of scanning a fish for the presence of a PIT tag (passive integrative transponder)

<i>IOP</i>	<i>Interim Comprehensive Basin Operating Plan</i> of November 2002, produced by the YRBWEP Program Office of Reclamation's Upper Columbia Area Office
ISRP	Independent Scientific Review Panel, providing advice to NPPC
kaf	kilo [thousands of] acre-feet,
lentic	of or pertaining to still waters such as lakes, reservoirs, etc.
lotic	of or pertaining to swiftly moving waters
Lower Yakima Basin	the drainage area from Parker gage (RM 103.7) downstream to confluence with the Columbia River (RM 0)
LWD	large woody debris
MAF	million-acre feet
Mini Flip-Flop	An operational mode relating to release of water from Keechelus and Kachess reservoirs, performed in years of sufficient water supply; see "Mini Flip-Flop (CC16)" at <i>IOP</i> page 5-39
MOU	memorandum of understanding — written agreement between parties, not obligating Federal money
natural flows	"Natural flows, usually produced from precipitation during the early winter and snowmelt during the late winter and spring/summer operation periods, are captured for storage. Downstream of major storage facilities, winter outflows can be greatly reduced, with major variations to natural hydrologic conditions. Peaking natural flows from rain, or rain-on-snow events, causing "flood events," are captured in available storage and bypassed later during a lower flow period in the downstream basin. (<i>IOP</i> 6.1.2)
NEPA	National Environmental Policy Act of 1969 (Public Law 91–190)
NMFS	National Marine Fisheries Service of the National Oceanic and Atmospheric Administration of the U.S. Department of Commerce; also self-termed as "NOAA Fisheries."
NPPC	Northwest Power Planning Council — established by the "Pacific Northwest Electrical Power Planning and Coordination Act of 1980" (P.L. 96–501; 16 U.S.C. 839 et seq.)
PNRO	Reclamation's Pacific Northwest Regional Office (Boise, ID)
PP&L	Pacific Power and Light (now owned by Scottish Power), owner-operator of the Wapatox Power Plant and the related water rights from the Naches River
Reclamation	U.S. Bureau of Reclamation of DOI (also USBR when used in a reference); a member of FCRPS
RM, river mile	distance of a point as measured upstream from its mouth; parameters are taken from <i>River Mile Index, Yakima River, Columbia River Basin, Washington</i> (October 1964), produced by the Hydrology Subcommittee of the Columbia Basin Inter-Agency Committee
ROD	Record of Decision — a decision document signed by an agency head based on a Final EIS
Roza I.D.	Roza Irrigation District
Secretary	U.S. Secretary of the Department of the Interior
SOAC	System Operations Advisory Committee; advises Reclamation on Yakima River basin matters; consists of fishery biologists representing FWS , YN , WDFW , and YBJB (see <i>IOP</i> , page 4-7)
SOD	Safety of Dams

SOD Acts	Reclamation Safety of Dams Act of 1978 (Public Law 95–578) and the Reclamations Safety of Dams Act Amendments of 1984 (Public Law 98–404), 2000 (P.L. 106–377), and 2001 (P.L. 107–117)
SVID	Sunnyside Valley Irrigation District
TAG	Enhancement Technical Advisory Group
Title XII	YRBWEP authorization; Title XII of the Act of October 31, 1994 (Public Law 103-434, Section 1210)
TMDL	total maximum daily load
TWSA	Total Water Supply Available, from natural flows of the Yakima River, its tributaries (see <i>IOP</i> , section 5.2.3)
UCAO	Upper Columbia Area Office (Yakima, WA) of Reclamation’s PNRO
Upper Yakima Basin	The area upstream from Parker gage to the headwaters of the mainstem and all tributaries.
USBR	U.S. Bureau of Reclamation; format used within references; for example (USBR 2001a)
USFS	U.S. Forest Service of the Department of Agriculture
USGS	U.S. Geological Survey of DOI
WDFW	Washington Department of Fish and Wildlife
WDOE	Washington Department of Ecology, state agency responsible for water rights and 303(d) lists
WIP	Wapato Irrigation Project, administered by BIA and serving the Yakama Nation
WY, Water Year	The 12-month period from October 1 through September 30.
Yakama Nation	Tribally preferred name for the Confederated Tribes and Bands of the Yakama Nation, Washington
Yakima River basin	the entire Yakima River watershed, from the Columbia River to the headwaters of the mainstem and all its tributaries
YBJB	Yakima Basin Joint Board, a collective of irrigation entities
YN	Yakama Nation
YRBWEP	Yakima River Basin Water Enhancement Project; Title XII of Public Law 103–343 (October 31, 1994); see <i>IOP</i> p. 4-8
YTID	Yakima-Tieton Irrigation District